

## **ABSTRACT**

[0037] A micro-lens and a method for forming the micro-lens is provided. A micro-lens includes a substrate and lens material located within the substrate, the substrate having a recessed area serving as a mold for the lens material. The recessed can be shaped such that the lens material corrects for optical aberrations. The micro-lens can be part of a micro-lens array. The recessed area can serve as a mold for lens material for the micro-lens array and can be shaped such that the micro-lens array includes arcuate, non-spherical, or non-symmetrical micro-lenses.